

ABSTRACT

A quick connector assembly for high power electrical applications and method of manufacturing a high-power quick connector assembly are disclosed. The quick connector assembly has a first connector and a second connector constructed to form an electrical connection that can be quickly coupled and decoupled. The first connector has a collar portion connectable to a welding cable and a stem portion having a shank section and a threaded section. The second connector has a recess constructed to receive the stem portion of the first connector and electrically engage both the shank portion and the threaded portion of the first connector.